

01/10/02

## HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL(Only for new nonprovisional applications under  
37 C.F.R. 1.33(b))

Attorney Docket No. 0975.1003

11050 U.S. PTO

First Named Inventor or  
Application Identifier Junming Le

10/043436

Express Mail Label No. EV 052028582 US

01/10/02

Title of  
Invention

METHODS OF TREATING HEPATITIS WITH CHIMERIC ANTI-TNF ANTIBODIES

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. [X] Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. [X] Specification **Total Pages 159**  
(preferred arrangement set forth below)  
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. [X] Drawing(s) (35 U.S.C. 113) **Total Sheets 37**  
 Fig. of the Drawings for Publication      
 No Figure to be Published
4. [X] Oath or Declaration **Total Pages 16**  
 Newly executed (original or copy)  
 Copy from a prior application (37 C.F.R. 1.63(d))  
 (for continuation/divisional with Box 17 completed)
  - i. [ ] **DEFINITION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

6. [X] Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. [ ] Computer Readable Form
  - b. [X] Paper Copy (identical to computer copy)  
**7 Pages**
  - c. [X] Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. [ ] Assignment Papers (cover sheet & documents)  
 Assignee - New York University Medical Center and Centocor, Inc.  
 New York, NY and Malvern, PA; respectively
8. [ ] Power of Attorney [ ] 37 C.F.R. 3.73(b) Statement
9. [ ] English Translation Document (if applicable)
10. [ ] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations
11. [ ] Preliminary Amendment
12. [X] Return Receipt Postcard
13. [ ] Small Entity Statement(s)
- 14a. [ ] Foreign Priority Claim under 35 U.S.C. §119 or 365
- 14b. [ ] Certified Copy of Priority Document(s)
15. [ ] Nonpublication Request (check parent application)
16. [X] Other **Remarks Letter, Trans. of DEC/POA and Notice of Change of Correspondence Address and Request Under 37 C.F.R. §1.82(e)**

17. If a CONTINUING APPLICATION, check appropriate box; supply the requisite information.

[ ] Continuation     Divisional     Continuation-in-part (CIP) of prior application No.: 09/927,703  
 Prior application information: Examiner: Not Assigned Group Art Unit: 1642

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.  
 (Add standard Related Applications section with incorporation by reference to specification or update same)

## 18. CORRESPONDENCE ADDRESS

NAME	Customer No. 021005 HAMILTON, BROOK, SMITH & REYNOLDS, P.C.		
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Signature	Deirdre E. Sanders	Date	January 10, 2002
Submitted by Typed or Printed Name	Deirdre E. Sanders	Reg. Number	42,122

**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**

**FEE TRANSMITTAL FOR  
PATENT APPLICATIONS**

Attorney Docket Number	0975.1005-018
Application Number	
First Named Inventor	Junming Le

**CLAIM CALCULATION (includes any preliminary amendment)**

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c) or (i))	15 - 20* =	0		x \$ 18 =	\$ 0
INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	13 - 3** =	10		x \$ 84 =	\$ 840
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))				+ \$ 280 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 740
			Total of above Calculations =		\$ 1580
			Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =		\$
			TOTAL =		\$ 1580
			Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =		\$
			Petition for Extension of Time Fee (37 C.F.R. 1.17) =		\$
			Assignment Recordation Fee = (only when filed with application)		\$
* Reissue claims in excess of 20 over original patent ** Reissue independent claims over original patent			TOTAL =		\$ 1580

1. Small entity status:

- a.  A small entity statement is enclosed.
- b.  A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c.  Is no longer claimed.

2.  A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3.  A check is enclosed for \$1580.  Please charge \$1580 to Deposit Account No. 08-0380.

4.  Other: Remarks Letter, Transmittal of Declaration/POA and Notice of Change of Correspondence Address and Request Under 37 C.F.R. §1.821(e)

Signature	<u>Deirdre E. Sanders</u>	Date	January 10, 2002
Submitted by Typed or Printed Name	Deirdre E. Sanders	Reg. Number	42,122

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and  
Scott Siegel

Divisional of:

Application No.: 09/927,703

Filed: August 10, 2001

Title: METHODS OF TREATING HEPATITIS WITH CHIMERIC ANTI-TNF  
ANTIBODIES

Date: 1/10/02 Express Mail Label No. EV 052028582 US

REQUEST UNDER 37 C.F.R. §1.821(e)

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, DC 20231

Sir:

Pursuant to 37 C.F.R. §1.821(e), it is hereby requested that the computer readable form  
of the Sequence Listing filed on August 10, 2001 in prior Application No. 09/927,703, filed  
August 10, 2001, serve as the computer readable form for the subject application.

As required by 37 C.F.R. §1.821(f), the undersigned hereby states that the content of the  
Sequence Listing in paper form filed concurrently herewith and the content of the above-  
referenced computer readable form of the Sequence Listing filed in prior Application No.  
09/927,703 are the same.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Deirdre E. Sanders

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Concord, MA 01742-9133  
Date: January 10, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David Knight and  
Scott Siegel

Divisional Application of

Application No.: 09/927,703  
Filed: August 10, 2001

For: METHODS OF TREATING HEPATITIS WITH CHIMERIC ANTI-TNF  
ANTIBODIES

Date:	<u>1/10/02</u>
EXPRESS MAIL LABEL NO.	<u>EV 052028582 US</u>

REMARKS

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The above-captioned application is a divisional of application number 09/927,703 filed  
on August 10, 2001 to which priority is claimed under 35 U.S.C. §120.

The related applications paragraph has been revised and updated to include the parent  
application and issued patents.

In addition, on page 1, the title of the application has been changed to:  
“Methods of Treating Hepatitis with Chimeric Anti-TNF Antibodies”.

On page 159, the title of the abstract has been changed to:  
"Methods of Treating Hepatitis with Chimeric Anti-TNF Antibodies".

Claims 1 through 13 (pages 156-158) have been omitted and Claims 1 through 15 (pages 156 - 158) have been added as new claims sequentially beginning with Claim 1.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Deirdre E. Sanders  
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Dated: January 10, 2002

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